

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042874.D
 Acq On : 17 Sep 2019 19:24
 Operator : HP/JU
 Sample : K4918-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12

Quant Time: Sep 18 01:51:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

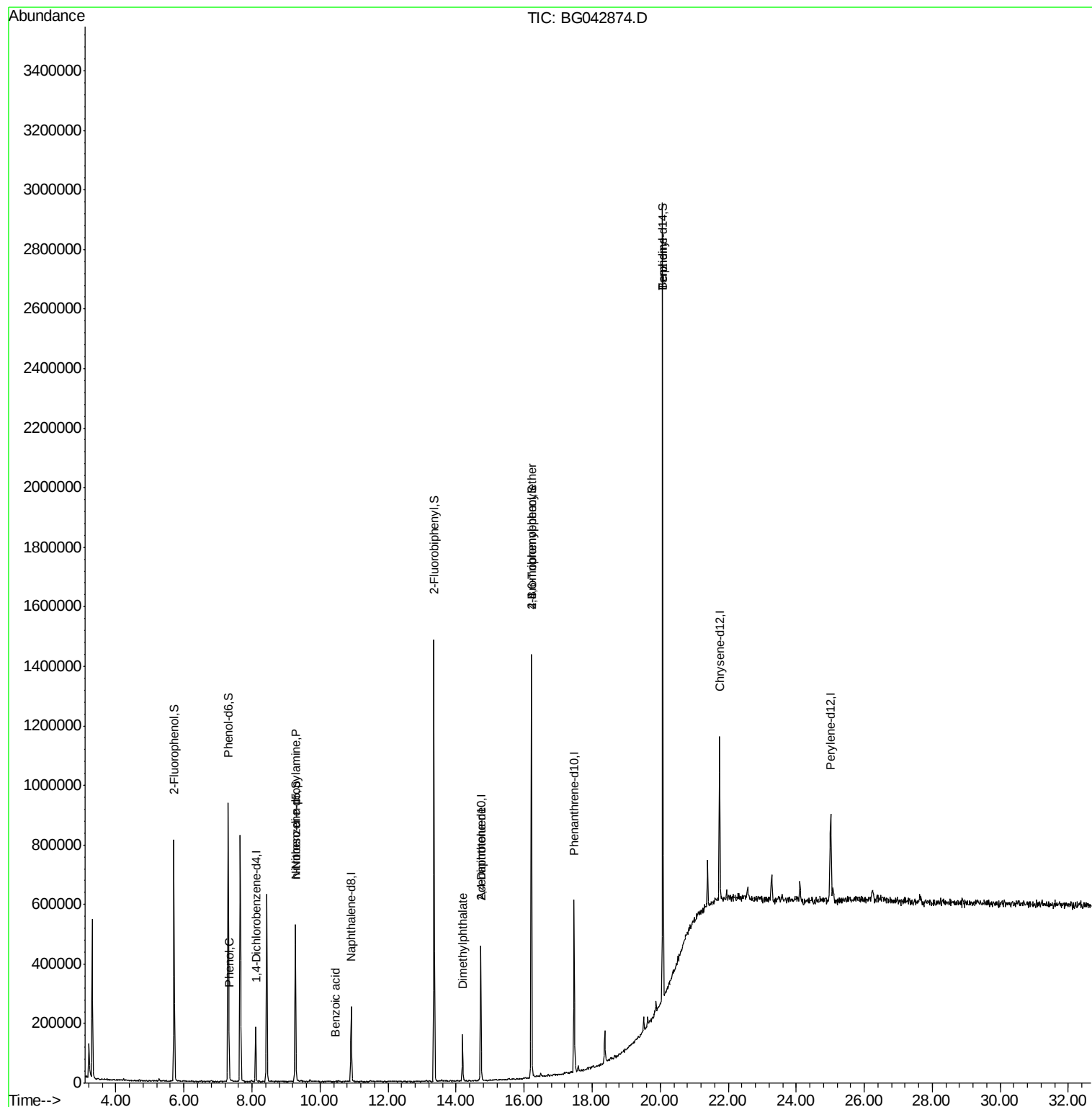
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49883	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	201655	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	156119	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	376190	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	325546	20.00	ng	-0.02
87) Perylene-d12	25.02	264	346648	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	306676	106.88	ng	0.02
7) Phenol-d6	7.30	99	486920	118.23	ng	0.03
23) Nitrobenzene-d5	9.28	82	314495	81.20	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	276236	132.99	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	790103	80.11	ng	-0.02
79) Terphenyl-d14	20.07	244	1267732	86.31	ng	-0.02
Target Compounds						
10) Phenol	7.33	94	14905	3.529	ng	86
19) n-Nitroso-di-n-propylamine	9.28	70	44489	14.660	ng	# 75
32) Benzoic acid	10.44	122	70	5.991	ng	# 1
50) Dimethylphthalate	14.19	163	103903	8.884	ng	98
57) 2,4-Dinitrotoluene	14.73	165	21352	6.675	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	18444	4.051	ng	# 1
77) Benzidine	20.07	184	22973	2.526	ng	# 96

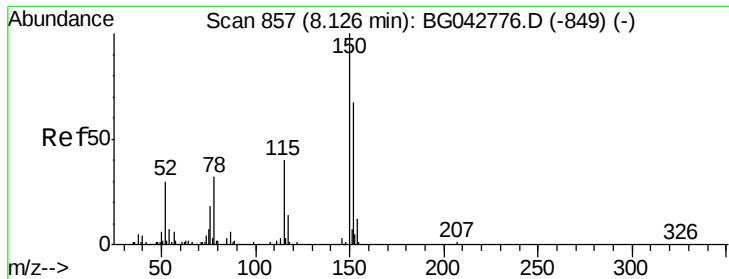
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042874.D
Acq On : 17 Sep 2019 19:24
Operator : HP/JU
Sample : K4918-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12

Quant Time: Sep 18 01:51:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



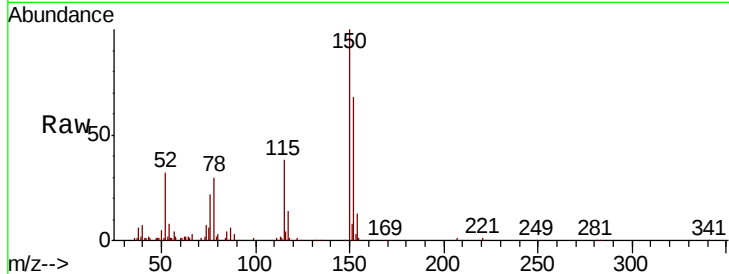


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BG042874.D
 Acq: 17 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-12

Tot Ion	152	Resp	49883
Ion Ratio	Lower	Upper	
152	100		
150	147.2	118.9	178.3
115	55.3	47.4	71.2

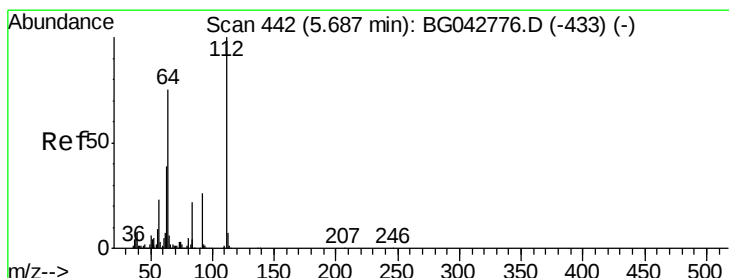
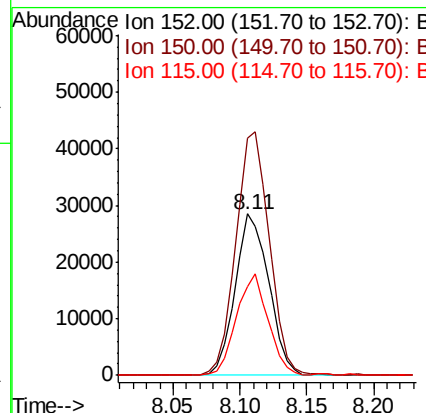
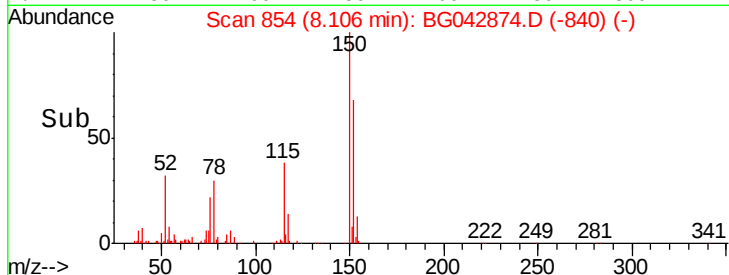


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

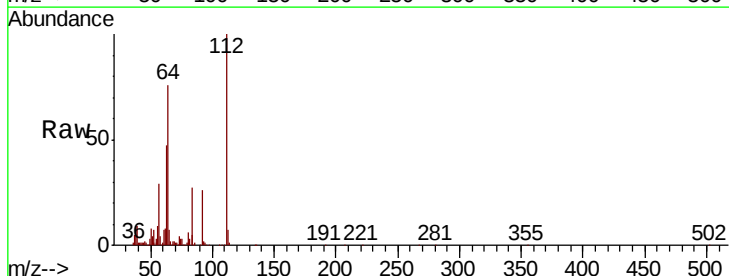
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 106.884 ng
 RT: 5.71 min Scan# 446
 Delta R.T. 0.02 min
 Lab File: BG042874.D
 Acq: 17 Sep 2019 19:24

Tgt Ion	112	Resp	306676
Ion Ratio	Lower	Upper	
112	100		
64	76.5	60.2	90.2
63	47.2	31.2	46.8

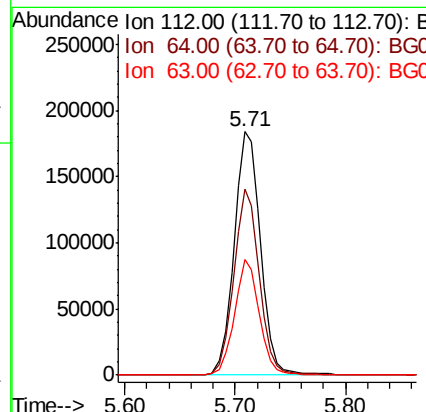
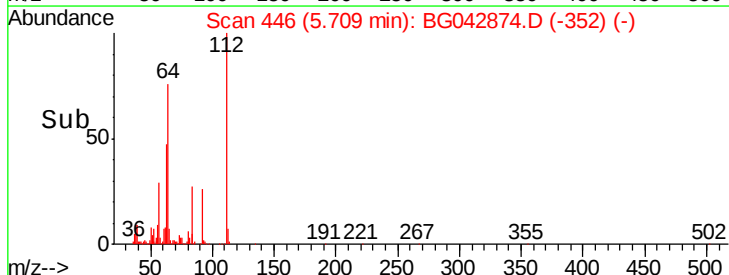


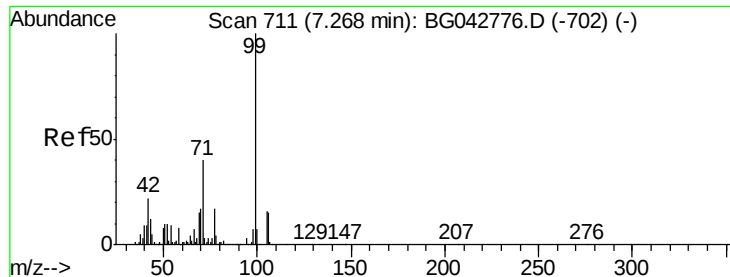
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.233 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.03 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SB-12

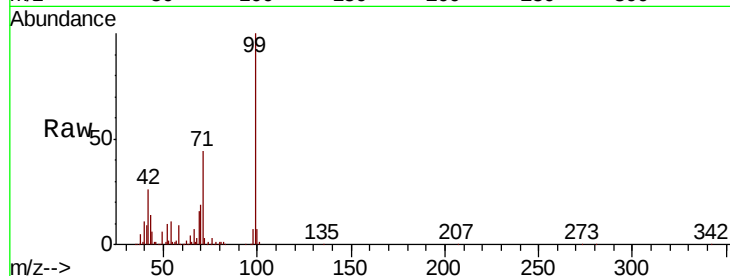
Tot Ion: 99 Resp: 486920

Ion Ratio Lower Upper

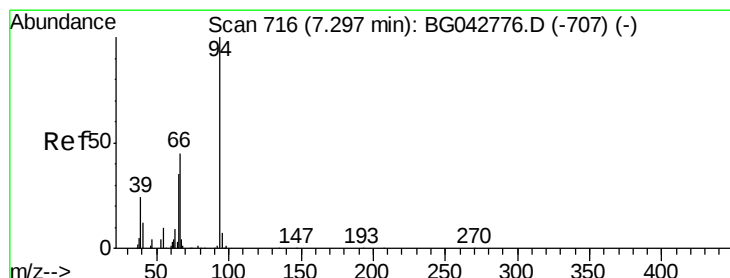
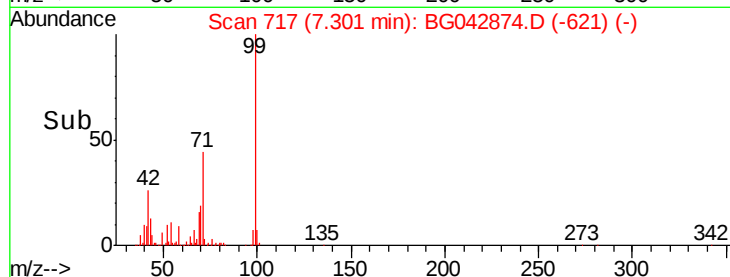
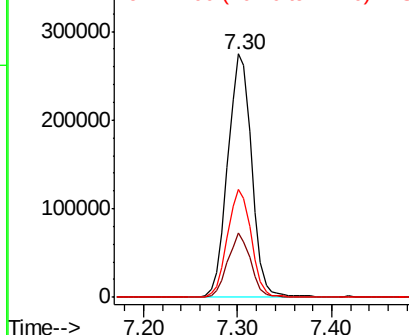
99 100

42 26.3 17.5 26.3#

71 44.1 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.529 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

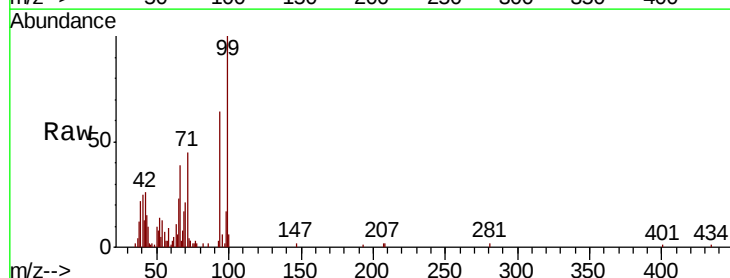
Tgt Ion: 94 Resp: 14905

Ion Ratio Lower Upper

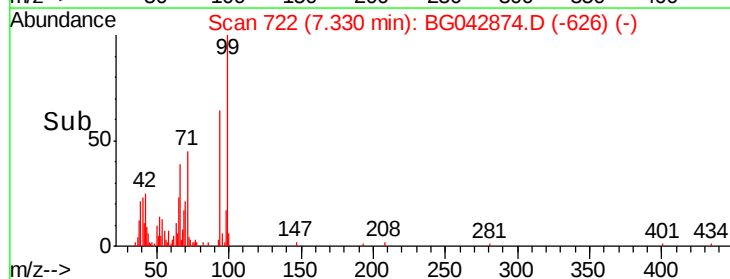
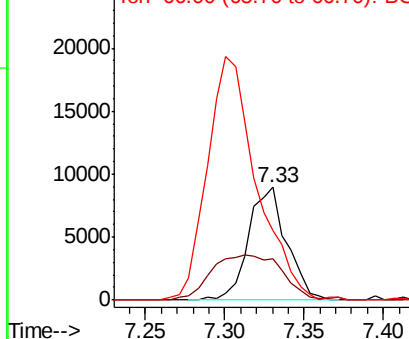
94 100

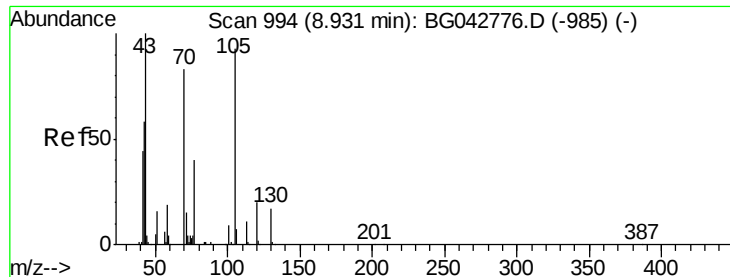
65 36.3 15.0 55.0

66 61.6 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

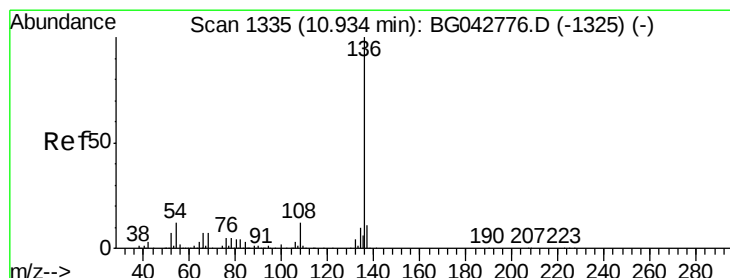
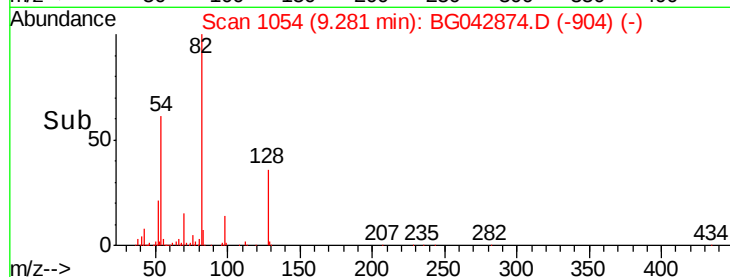
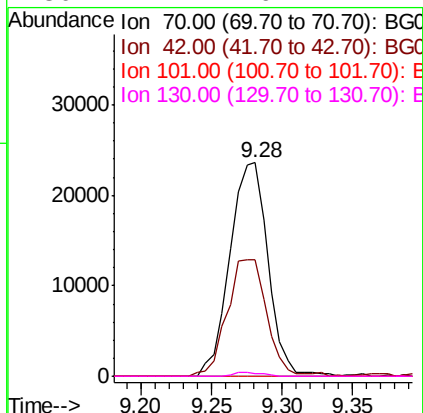
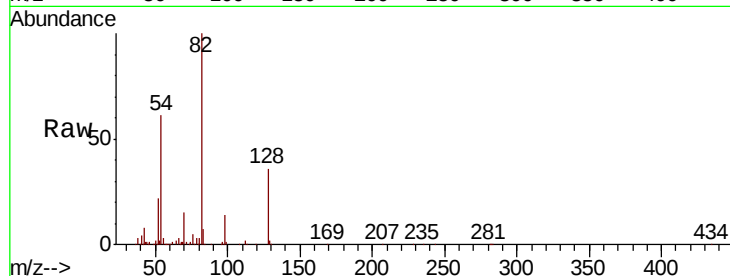




#19
n-Nitroso-di-n-propylamine
Concen: 14.660 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.35 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

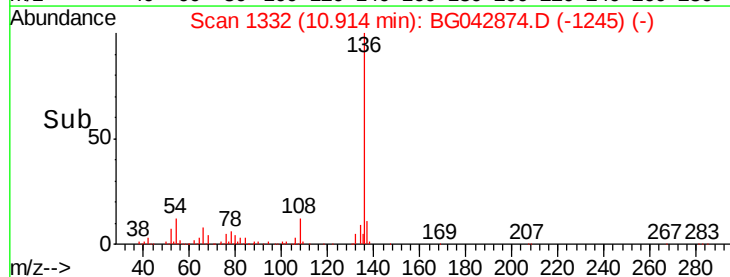
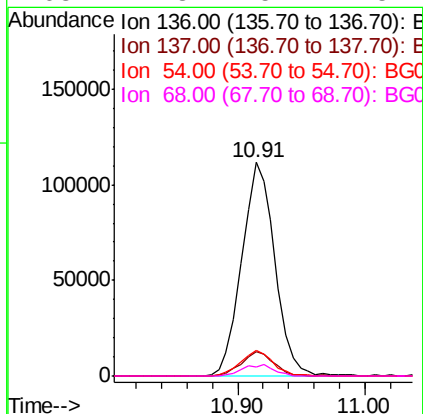
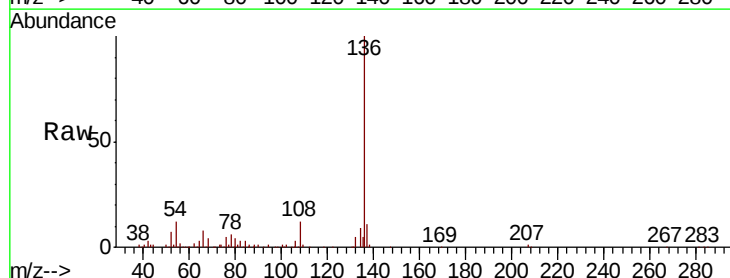
Instrument :
BNA_G
ClientSampleId :
SB-12

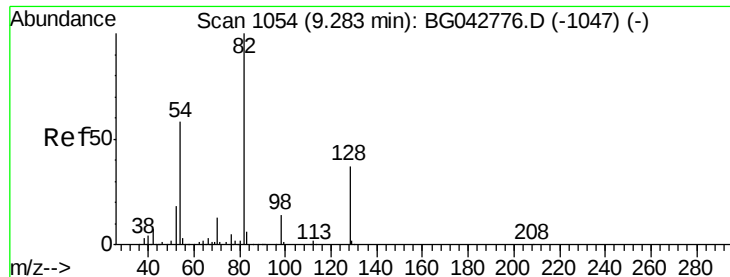
Tot Ion: 70 Resp: 44489
Ion Ratio Lower Upper
70 100
42 54.4 57.0 85.6#
101 0.0 8.4 12.6#
130 1.1 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Tgt Ion: 136 Resp: 201655
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 11.9 9.4 14.0
68 4.3 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 81.195 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampled :

SB-12

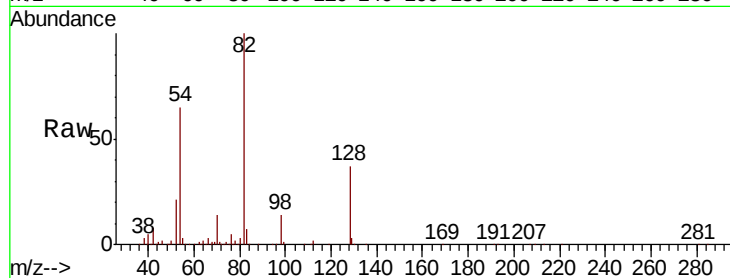
Tot Ion: 82 Resp: 314495

Ion Ratio Lower Upper

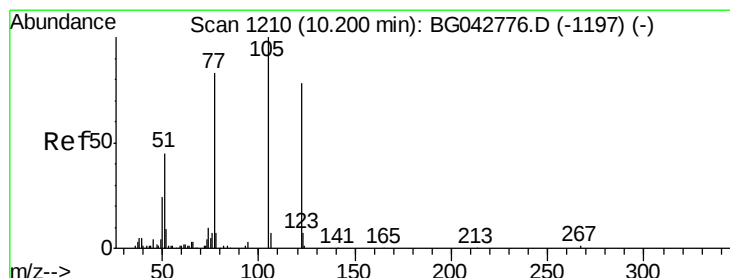
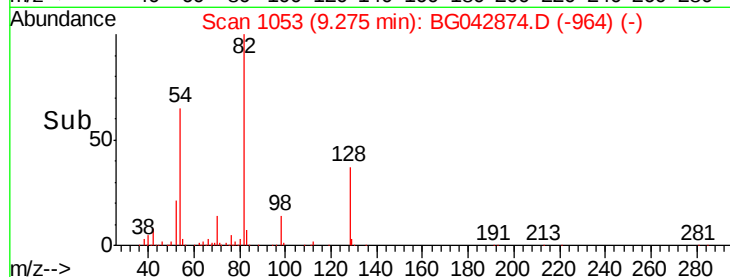
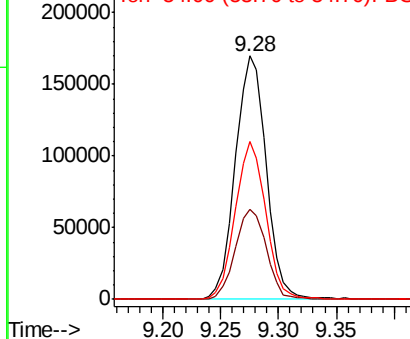
82 100

128 36.8 29.8 44.8

54 64.7 46.1 69.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 5.991 ng

RT: 10.44 min Scan# 1252

Delta R.T. 0.25 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

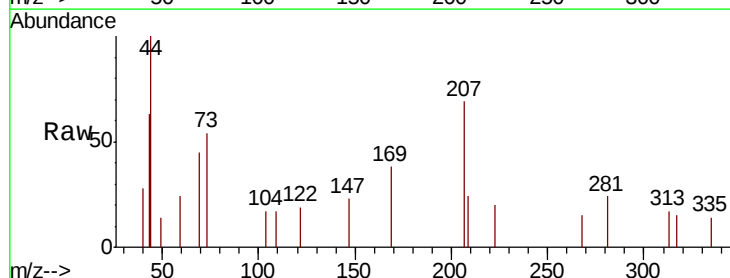
Tgt Ion: 122 Resp: 70

Ion Ratio Lower Upper

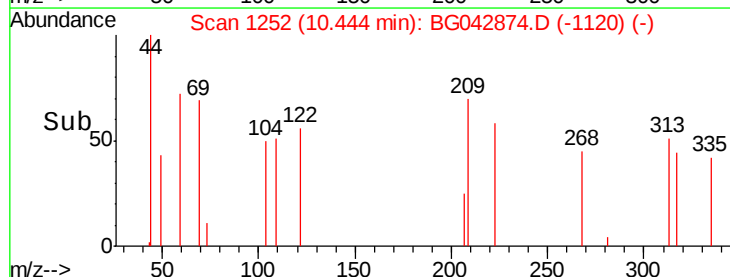
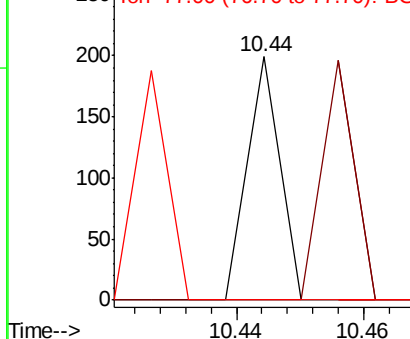
122 100

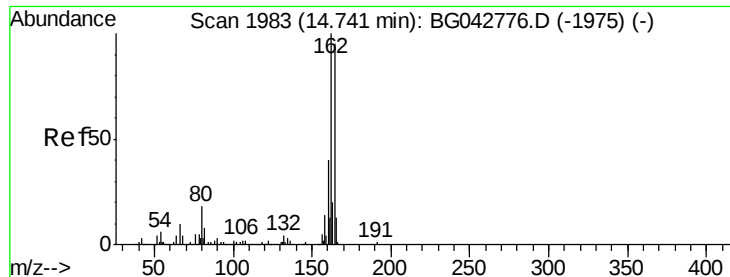
105 0.0 104.0 144.0#

77 0.0 84.2 124.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SB-12

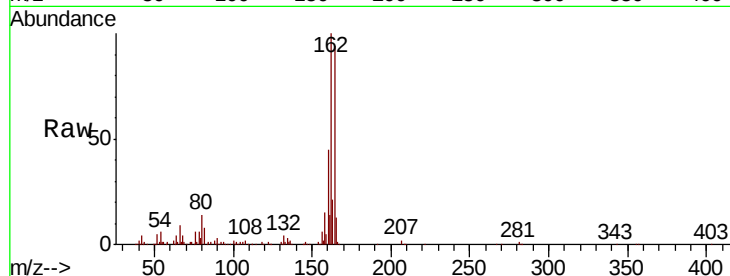
Tot Ion:164 Resp: 156119

Ion	Ratio	Lower	Upper
164	100		
162	106.7	84.6	126.8
160	48.3	34.2	51.2

164 100

162 106.7 84.6 126.8

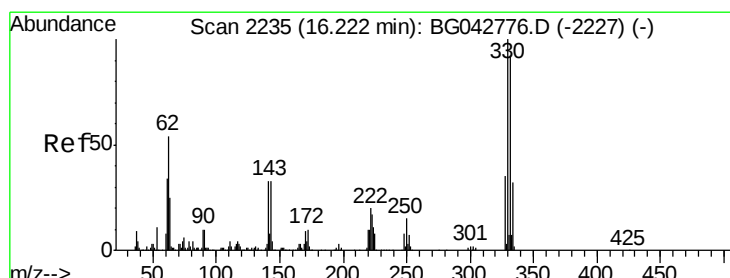
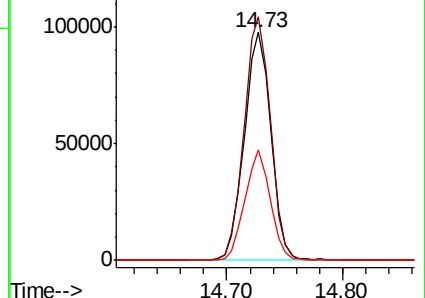
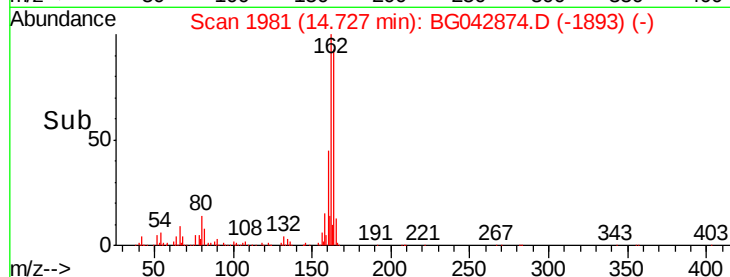
160 48.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 132.995 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

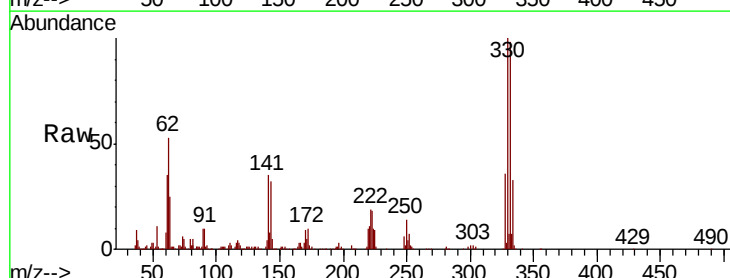
Tgt Ion:330 Resp: 276236

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	34.2	27.0	40.6

330 100

332 97.9 76.7 115.1

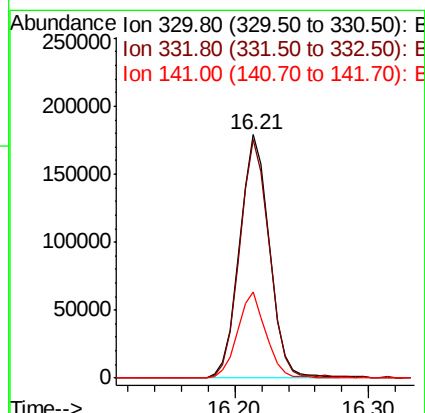
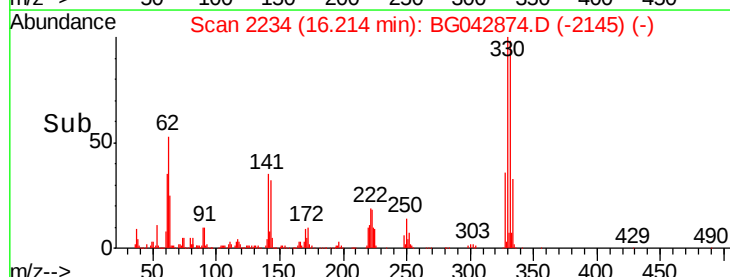
141 34.2 27.0 40.6

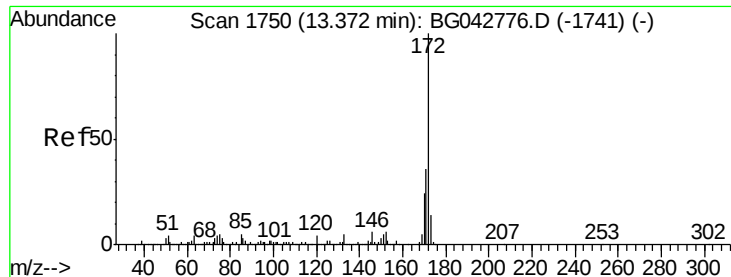


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

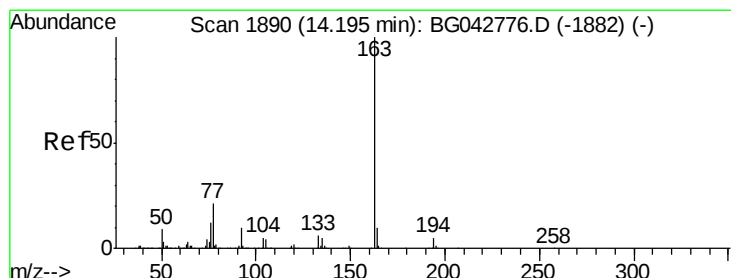
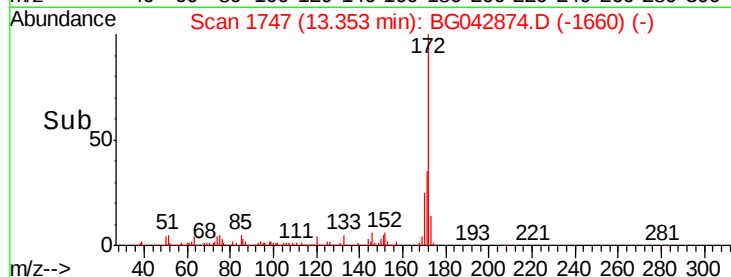
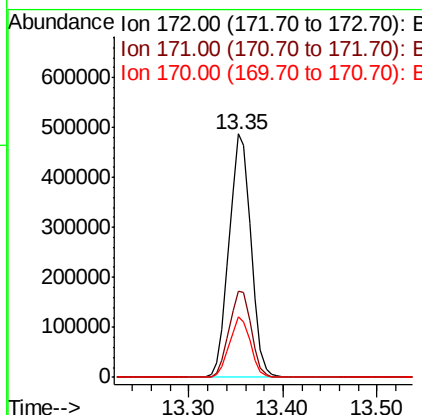
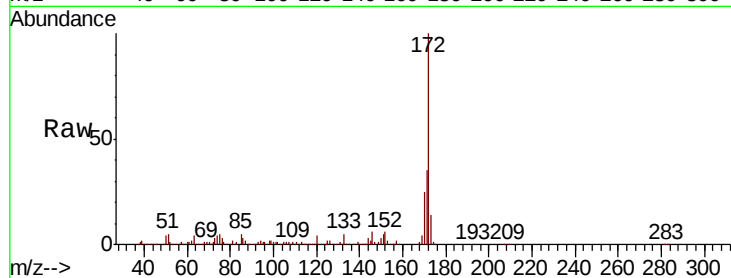




#45
 2-Fluorobiphenyl
 Concen: 80.111 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG042874.D
 Acq: 17 Sep 2019 19:24

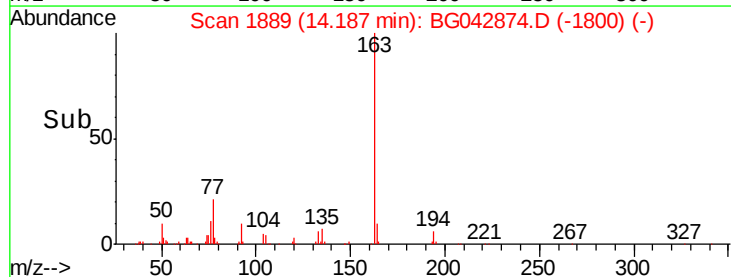
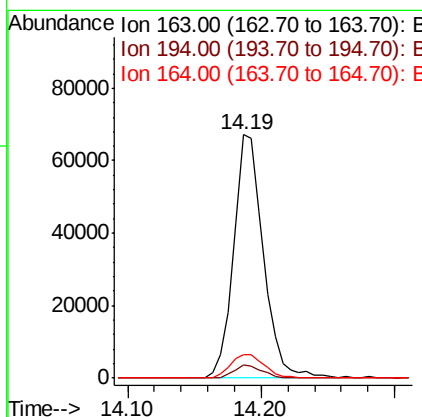
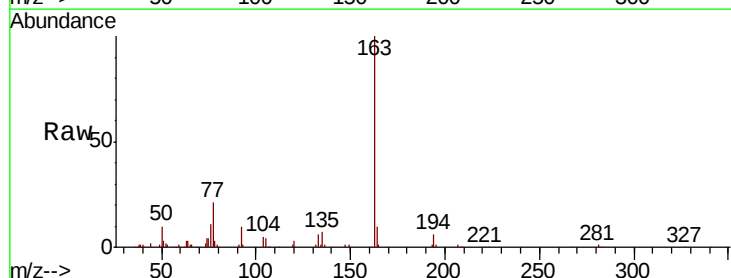
Instrument :
 BNA_G
 ClientSampleId :
 SB-12

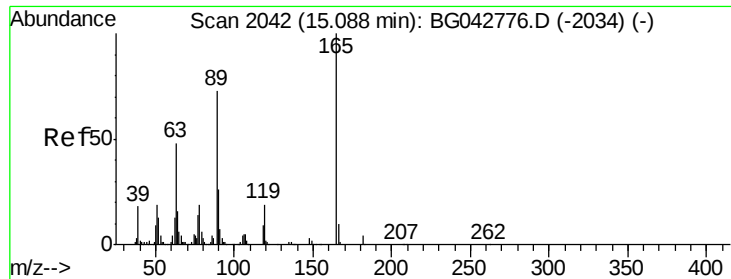
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.7	19.1	28.7



#50
 Dimethylphthalate
 Concen: 8.884 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG042874.D
 Acq: 17 Sep 2019 19:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.2	6.4
164	9.8	8.4	12.6





#57

2,4-Dinitrotoluene

Concen: 6.675 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.36 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SB-12

Tot Ion:165 Resp: 21352

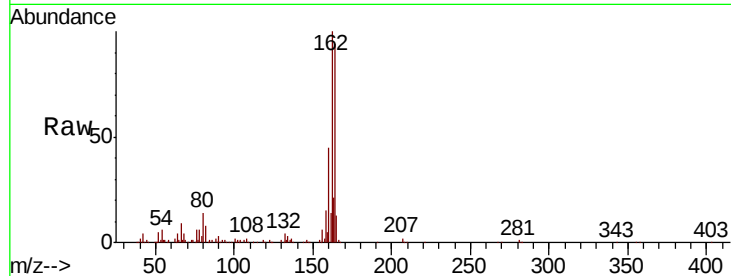
Ion Ratio Lower Upper

165 100

63 2.0 38.3 57.5#

89 1.8 58.4 87.6#

182 0.0 2.9 4.3#

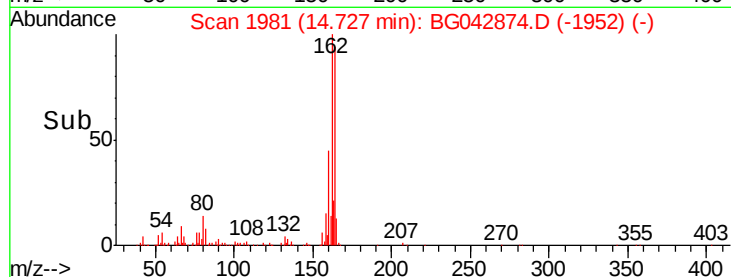


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

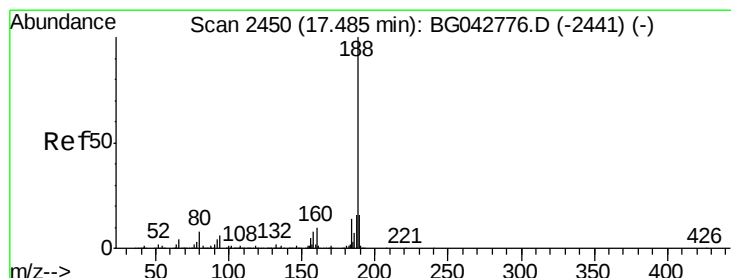
Ion 182.00 (181.70 to 182.70): E



Abundance

14.73

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

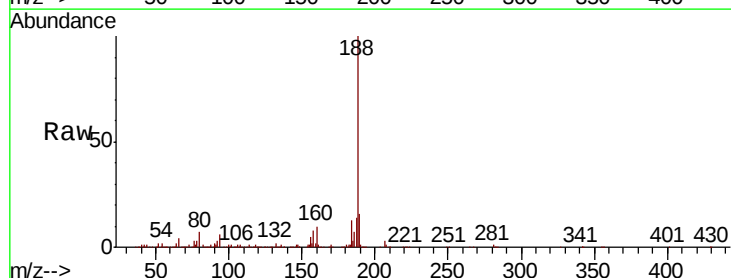
Tgt Ion:188 Resp: 376190

Ion Ratio Lower Upper

188 100

94 6.4 4.8 7.2

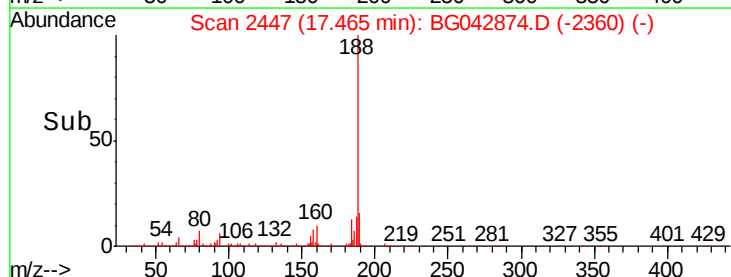
80 7.3 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

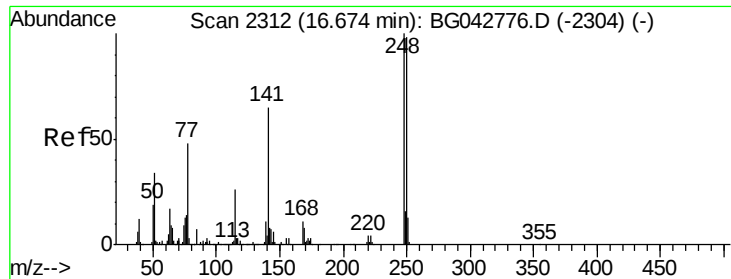
Ion 80.00 (79.70 to 80.70): BGC



Abundance

17.47

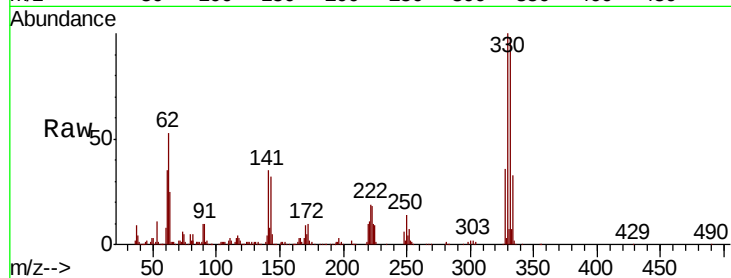
Time-->



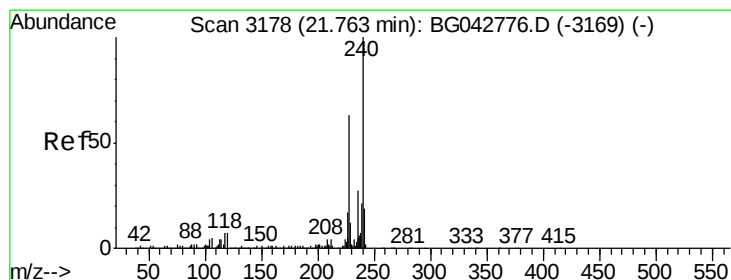
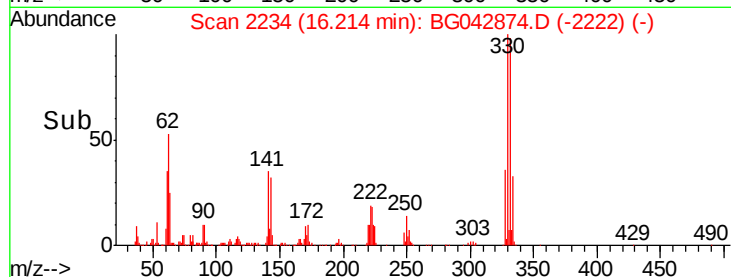
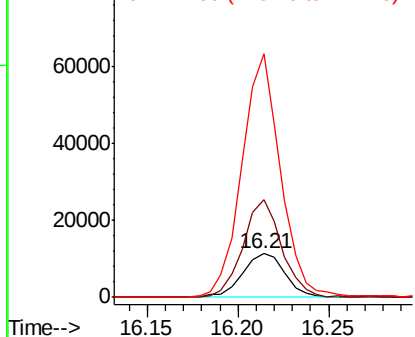
#67
4-Bromophenyl-phenylether
Concen: 4.051 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.46 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Instrument :
BNA_G
ClientSampleId :
SB-12

Tot Ion:248 Resp: 18444
Ion Ratio Lower Upper
248 100
250 222.6 78.0 117.0#
141 557.0 51.8 77.6#

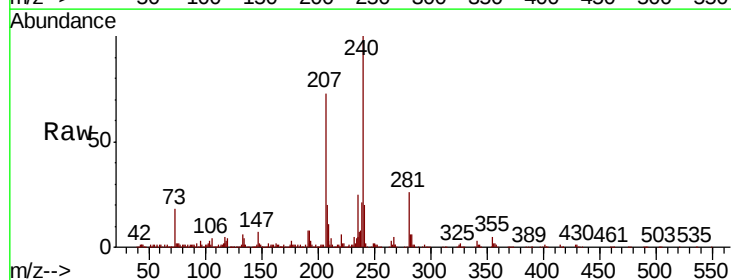


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

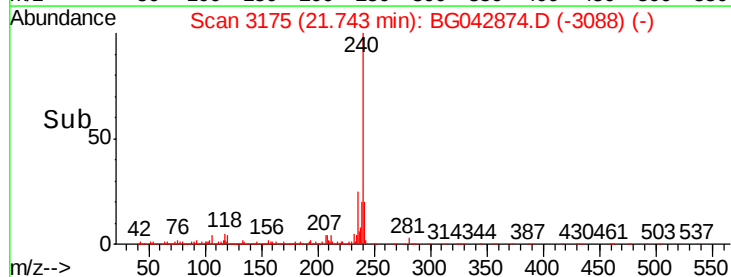
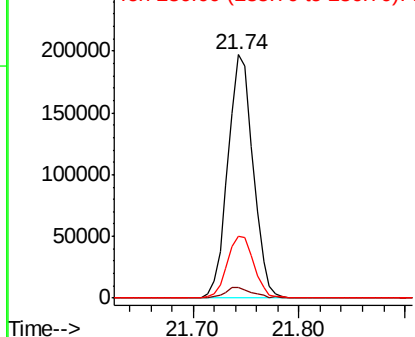


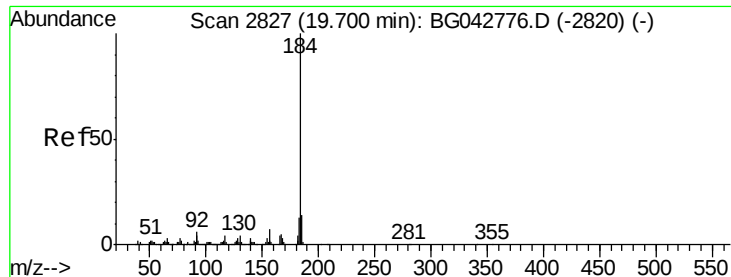
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG042874.D
Acq: 17 Sep 2019 19:24

Tgt Ion:240 Resp: 325546
Ion Ratio Lower Upper
240 100
120 4.5 5.4 8.2#
236 25.5 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.526 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.37 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

Instrument :

BNA_G

ClientSampleId :

SB-12

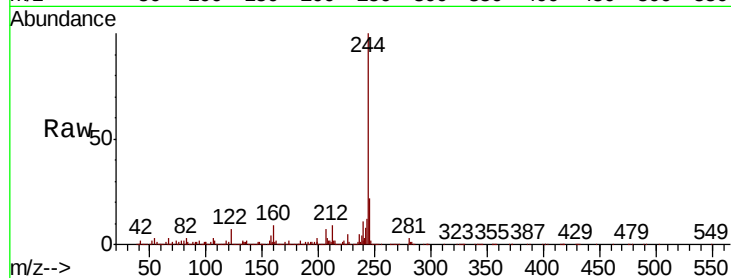
Tot Ion:184 Resp: 22973

Ion Ratio Lower Upper

184 100

185 15.0 11.6 17.4

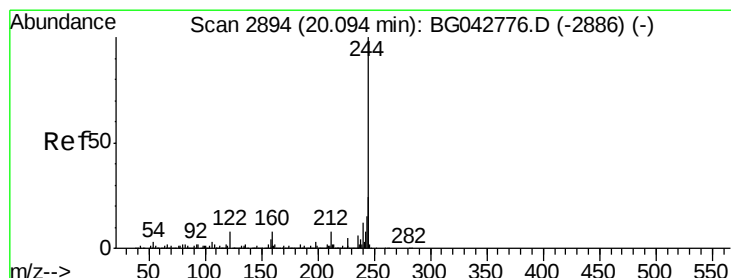
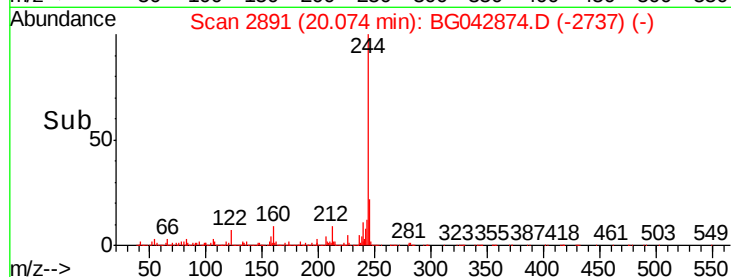
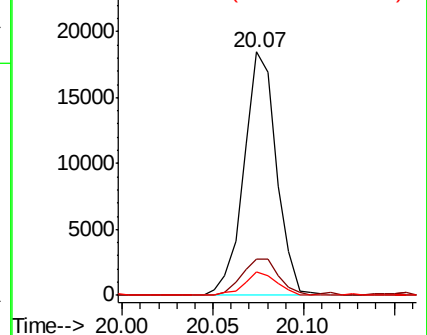
183 9.8 10.4 15.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 86.306 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042874.D

Acq: 17 Sep 2019 19:24

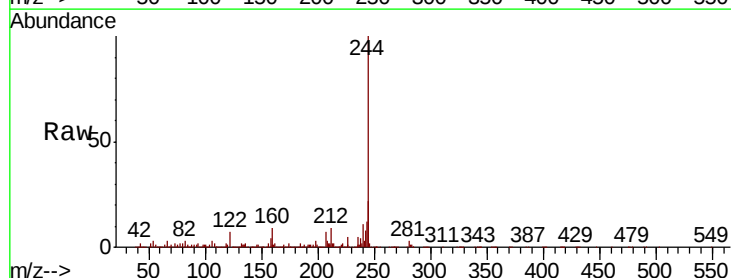
Tgt Ion:244 Resp: 1267732

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

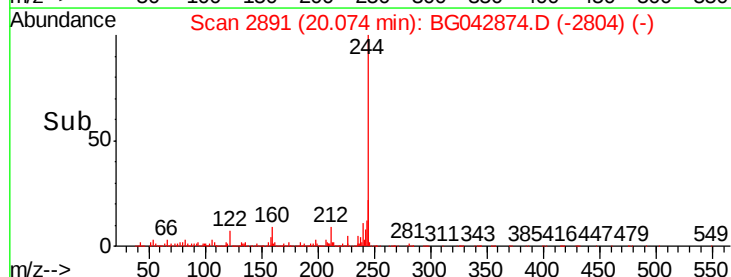
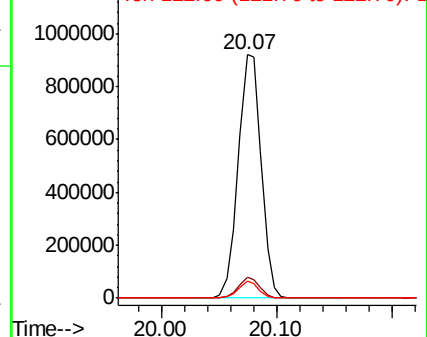
122 7.0 6.2 9.4

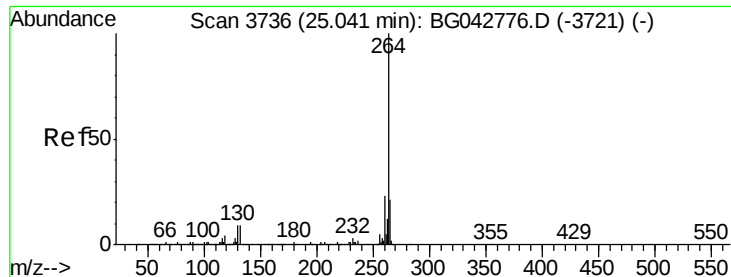


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.03 min
 Lab File: BG042874.D
 Acq: 17 Sep 2019 19:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-12

Tot Ion:264	Resp:	346648
Ion	Ratio	Lower Upper
264	100	
260	22.3	18.2 27.2
265	24.3	16.9 25.3

